

SEQUENCE LISTING

<110> Segal, Don
 McElroy, Jerry
 Chao, Heman
 Wong, Wah
 Docherty, John
 Dickstein, Jodi

<120> Method and Composition for Inhibiting
 Cancer Cell Growth

<130> 54800-8023.US00

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/397,244

<151> 2002-07-18

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> E-coil forming peptide

<400> 1

Glu	Val	Ser	Ala	Leu	Glu	Lys	Glu	Val	Ser	Ala	Leu	Glu	Lys	Glu	Val
1				5					10					15	
Ser	Ala	Leu	Glu	Lys	Glu	Val	Ser	Ala	Leu	Glu	Lys	Glu	Val	Ser	Ala
		20					25						30		
Leu	Glu	Lys													
		35													

<210> 2

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> K-coil forming peptide

<400> 2

Lys	Val	Ser	Ala	Leu	Lys	Glu	Lys	Val	Ser	Ala	Leu	Lys	Glu	Lys	Val
1				5					10					15	
Ser	Ala	Leu	Lys	Glu	Lys	Val	Ser	Ala	Leu	Lys	Glu	Lys	Val	Ser	Ala
		20					25						30		
Leu	Lys	Glu													
		35													

<210> 3

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> coil forming peptide

<400> 3
 Glu Val Glu Ala Leu Gln Lys Glu Val Ser Ala Leu Glu Lys Glu Val
 1 5 10 15
 Ser Ala Leu Glu Cys Glu Val Ser Ala Leu Glu Lys Glu Val Glu Ala
 20 25 30
 Leu Gln Lys
 35

<210> 4
 <211> 35
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> coil forming peptide

<400> 4
 Lys Val Glu Ala Leu Lys Lys Lys Val Ser Ala Leu Lys Glu Lys Val
 1 5 10 15
 Ser Ala Leu Lys Cys Lys Val Ser Ala Leu Lys Glu Lys Val Glu Ala
 20 25 30
 Leu Lys Lys
 35

<210> 5
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> K-coil forming peptide

<400> 5
 Lys Val Ser Ala Leu Lys Glu
 1 5

<210> 6
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> E-coil forming peptide

<400> 6
 Glu Val Ser Ala Leu Glu Lys
 1 5

<210> 7
 <211> 840
 <212> PRT
 <213> Canavalia ensiformis

<400> 7
 Met Lys Leu Ser Pro Arg Glu Val Glu Lys Leu Gly Leu His Asn Ala
 1 5 10 15
 Gly Tyr Leu Ala Gln Lys Arg Leu Ala Arg Gly Val Arg Leu Asn Tyr
 20 25 30
 Thr Glu Ala Val Ala Leu Ile Ala Ser Gln Ile Met Glu Tyr Ala Arg
 35 40 45
 Asp Gly Glu Lys Thr Val Ala Gln Leu Met Cys Leu Gly Gln His Leu
 50 55 60
 Leu Gly Arg Arg Gln Val Leu Pro Ala Val Pro His Leu Leu Asn Ala
 65 70 75 80
 Val Gln Val Glu Ala Thr Phe Pro Asp Gly Thr Lys Leu Val Thr Val

				85					90				95			
His	Asp	Pro	Ile	Ser	Arg	Glu	Asn	Gly	Glu	Leu	Gln	Glu	Ala	Leu	Phe	
			100					105					110			
Gly	Ser	Leu	Leu	Pro	Val	Pro	Ser	Leu	Asp	Lys	Phe	Ala	Glu	Thr	Lys	
		115					120					125				
Glu	Asp	Asn	Arg	Ile	Pro	Gly	Glu	Ile	Leu	Cys	Glu	Asp	Glu	Cys	Leu	
		130				135					140					
Thr	Leu	Asn	Ile	Gly	Arg	Lys	Ala	Val	Ile	Leu	Lys	Val	Thr	Ser	Lys	
145				150							155				160	
Gly	Asp	Arg	Pro	Ile	Gln	Val	Gly	Ser	His	Tyr	His	Phe	Ile	Glu	Val	
			165						170					175		
Asn	Pro	Tyr	Leu	Thr	Phe	Asp	Arg	Arg	Lys	Ala	Tyr	Gly	Met	Arg	Leu	
			180					185					190			
Asn	Ile	Ala	Ala	Gly	Thr	Ala	Val	Arg	Phe	Glu	Pro	Gly	Asp	Cys	Lys	
		195					200					205				
Ser	Val	Thr	Leu	Val	Ser	Ile	Glu	Gly	Asn	Lys	Val	Ile	Arg	Gly	Gly	
		210				215					220					
Asn	Ala	Ile	Ala	Asp	Gly	Pro	Val	Asn	Glu	Thr	Asn	Leu	Glu	Ala	Ala	
225					230						235				240	
Met	His	Ala	Val	Arg	Ser	Lys	Gly	Phe	Gly	His	Glu	Glu	Glu	Lys	Asp	
			245						250					255		
Ala	Ser	Glu	Gly	Phe	Thr	Lys	Glu	Asp	Pro	Asn	Cys	Pro	Phe	Asn	Thr	
			260					265					270			
Phe	Ile	His	Arg	Lys	Glu	Tyr	Ala	Asn	Lys	Tyr	Gly	Pro	Thr	Thr	Gly	
		275					280					285				
Asp	Lys	Ile	Arg	Leu	Gly	Asp	Thr	Asn	Leu	Leu	Ala	Glu	Ile	Glu	Lys	
		290				295					300					
Asp	Tyr	Ala	Leu	Tyr	Gly	Asp	Glu	Cys	Val	Phe	Gly	Gly	Gly	Lys	Val	
305					310					315					320	
Ile	Arg	Asp	Gly	Met	Gly	Gln	Ser	Cys	Gly	His	Pro	Pro	Ala	Ile	Ser	
			325						330					335		
Leu	Asp	Thr	Val	Ile	Thr	Asn	Ala	Val	Ile	Ile	Asp	Tyr	Thr	Gly	Ile	
			340					345					350			
Ile	Lys	Ala	Asp	Ile	Gly	Ile	Lys	Asp	Gly	Leu	Ile	Ala	Ser	Ile	Gly	
		355					360					365				
Lys	Ala	Gly	Asn	Pro	Asp	Ile	Met	Asn	Gly	Val	Phe	Ser	Asn	Met	Ile	
		370				375					380					
Ile	Gly	Ala	Asn	Thr	Glu	Val	Ile	Ala	Gly	Glu	Gly	Leu	Ile	Val	Thr	
385					390					395					400	
Ala	Gly	Ala	Ile	Asp	Cys	His	Val	His	Tyr	Ile	Cys	Pro	Gln	Leu	Val	
			405						410					415		
Tyr	Glu	Ala	Ile	Ser	Ser	Gly	Ile	Thr	Thr	Leu	Val	Gly	Gly	Gly	Thr	
			420					425					430			
Gly	Pro	Ala	Ala	Gly	Thr	Arg	Ala	Thr	Thr	Cys	Thr	Pro	Ser	Pro	Thr	
		435					440					445				
Gln	Met	Arg	Leu	Met	Leu	Gln	Ser	Thr	Asp	Asp	Leu	Pro	Leu	Asn	Phe	
			450			455					460					
Gly	Phe	Thr	Gly	Lys	Gly	Ser	Ser	Ser	Lys	Pro	Asp	Glu	Leu	His	Glu	
465					470					475					480	
Ile	Ile	Lys	Ala	Gly	Ala	Met	Gly	Leu	Lys	Leu	His	Glu	Asp	Trp	Gly	
			485						490					495		
Ser	Thr	Pro	Ala	Ala	Ile	Asp	Asn	Cys	Leu	Thr	Ile	Ala	Glu	His	His	
			500					505					510			
Asp	Ile	Gln	Ile	Asn	Ile	His	Thr	Asp	Thr	Leu	Asn	Glu	Ala	Gly	Phe	
			515				520					525				
Val	Glu	His	Ser	Ile	Ala	Ala	Phe	Lys	Gly	Arg	Thr	Ile	His	Thr	Tyr	
		530				535					540					
His	Ser	Glu	Gly	Ala	Gly	Gly	His	Ala	Pro	Asp	Ile	Ile	Lys	Val		
545					550				555					560		
Cys	Gly	Ile	Lys	Asn	Val	Leu	Pro	Ser	Ser	Thr	Asn	Pro	Thr	Arg	Pro	
			565						570					575		
Leu	Thr	Ser	Asn	Thr	Ile	Asp	Glu	His	Leu	Asp	Met	Leu	Met	Val	Cys	
			580					585					590			
His	His	Leu	Asp	Arg	Glu	Ile	Pro	Glu	Asp	Leu	Ala	Phe	Ala	His	Ser	
		595					600					605				

Arg	Ile	Arg	Lys	Lys	Thr	Ile	Ala	Ala	Glu	Asp	Val	Leu	Asn	Asp	Ile
610						615					620				
Gly	Ala	Ile	Ser	Ile	Ile	Ser	Ser	Asp	Ser	Gln	Ala	Met	Gly	Arg	Val
625					630					635					640
Gly	Glu	Val	Ile	Ser	Arg	Thr	Trp	Gln	Thr	Ala	Asp	Lys	Met	Lys	Ala
				645					650					655	
Gln	Thr	Gly	Pro	Leu	Lys	Cys	Asp	Ser	Ser	Asp	Asn	Asp	Asn	Phe	Arg
			660					665					670		
Ile	Arg	Arg	Tyr	Ile	Ala	Lys	Tyr	Thr	Ile	Asn	Pro	Ala	Ile	Ala	Asn
			675				680					685			
Gly	Phe	Ser	Gln	Tyr	Val	Gly	Ser	Val	Glu	Val	Gly	Lys	Leu	Ala	Asp
	690					695					700				
Leu	Val	Met	Trp	Lys	Pro	Ser	Phe	Phe	Gly	Thr	Lys	Pro	Glu	Met	Val
705					710					715					720
Ile	Lys	Gly	Gly	Met	Val	Ala	Trp	Ala	Asp	Ile	Gly	Asp	Pro	Asn	Ala
				725					730					735	
Ser	Ile	Pro	Thr	Pro	Glu	Pro	Val	Lys	Met	Arg	Pro	Met	Tyr	Gly	Thr
			740					745					750		
Leu	Gly	Lys	Ala	Gly	Gly	Ala	Leu	Ser	Ile	Ala	Phe	Val	Ser	Lys	Ala
		755					760					765			
Ala	Leu	Asp	Gln	Arg	Val	Asn	Val	Leu	Tyr	Gly	Leu	Asn	Lys	Arg	Val
	770					775					780				
Glu	Ala	Val	Ser	Asn	Val	Arg	Lys	Leu	Thr	Lys	Leu	Asp	Met	Lys	Leu
785					790					795					800
Asn	Asp	Ala	Leu	Pro	Glu	Ile	Thr	Val	Asp	Pro	Glu	Ser	Tyr	Thr	Val
				805					810					815	
Lys	Ala	Asp	Gly	Lys	Leu	Leu	Cys	Val	Ser	Glu	Ala	Thr	Thr	Val	Pro
			820					825					830		
Leu	Ser	Arg	Asn	Tyr	Phe	Leu	Phe								
		835					840								